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=> file biosis caba caplus embase lifesci medline scisearch
=> e jacobs antonius a/au
E1          3      JACOBS ANTON/AU
E2         16      JACOBS ANTON A C/AU
E3          0 --> JACOBS ANTONIUS A/AU
E4          1      JACOBS ANTONIUS A C/AU
E5         12      JACOBS ANTONIUS ARNOLDUS CHRISTIAAN/AU
E6          1      JACOBS ARHUR M/AU
E7          1      JACOBS ARLENE/AU
E8          2      JACOBS ARLENE F/AU
E9          3      JACOBS ARMAND MUELLER/AU
E10         4      JACOBS ARMAND MULLER/AU
E11        12      JACOBS ARNE/AU
E12         1      JACOBS ARNOLD/AU
=> s e1-e5
L1          32 ("JACOBS ANTON"/AU OR "JACOBS ANTON A C"/AU OR "JACOBS ANTONIUS
              A"/AU OR "JACOBS ANTONIUS A C"/AU OR "JACOBS ANTONIUS ARNOLDUS
              CHRISTIAAN"/AU)
=> dup rem l1
PROCESSING COMPLETED FOR L1
L2          24 DUP REM L1 (8 DUPLICATES REMOVED)
=> d 1-
YOU HAVE REQUESTED DATA FROM 24 ANSWERS - CONTINUE? Y/(N):y

L2  ANSWER 1 OF 24  CAPLUS  COPYRIGHT 2009 ACS on STN
AN  2006:1225852  CAPLUS <<LOGINID::20090421>>
DN  146:26334
TI  Pasteurella multocida live attenuated vaccine
IN  Luo, Yugang; Vermeij, Paul; ***Jacobs, Antonius Arnoldus Christiaan***
PA  Intervet International B.V., Neth.
SO  PCT Int. Appl., 31pp.
    CODEN: PIXXD2
DT  Patent
LA  English
FAN.CNT 1
PATENT NO.          KIND    DATE          APPLICATION NO.          DATE
-----
PI  WO 2006122586    A1      20061123    WO 2005-EP56995          20051221
    W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
      CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
      GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,
      KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,
      MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE,
      SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,
      VN, YU, ZA, ZM, ZW
    RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
      IS, IT, LI, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
      CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
      GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
      KG, KZ, MD, RU, TJ, TM
    AU 2005331860    A1      20061123    AU 2005-331860          20051221
    CA 2591624      A1      20061123    CA 2005-2591624          20051221
    EP 1831248      A1      20070912    EP 2005-857856          20051221
    R:  AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
      IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR
    CN 101087803    A        20071212    CN 2005-80044494          20051221
    JP 2008523840    T        20080710    JP 2007-547497          20051221

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| | | | | |
|----------------------|---|----------|----------------|----------|
| MX 2007007570 | A | 20070724 | MX 2007-7570 | 20070621 |
| IN 2007CN02702 | A | 20070907 | IN 2007-CN2702 | 20070621 |
| KR 2007092290 | A | 20070912 | KR 2007-716568 | 20070719 |
| PRAI US 2004-639447P | P | 20041222 | | |
| WO 2005-EP56995 | W | 20051221 | | |

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 24 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN
 DUPLICATE 1
 AN 2006:487007 BIOSIS <<LOGINID::20090421>>
 DN PREV200600482709
 TI Immunization with the biologically active lectin domain of PapGII induces
 strong adhesion-inhibiting antibody responses but no protection against
 avian pathogenic Escherichia coli.
 AU Vandemaele, Frederic [Reprint Author]; Bleyen, Nele; Abuaboud, Omran;
 VanderMeer, Ed; ***Jacobs, Anton*** ; Goddeeris, Bruno M.
 CS Catholic Univ Louvain, Fac Biosci Engn, Lab Livestock Physiol and Immunol,
 Kasteelpk Arenberg 30, B-3001 Heverlee, Belgium
 Frederic.vandemaele@gmail.com
 SO Avian Pathology, (JUN 2006) Vol. 35, No. 3, pp. 238-249.
 CODEN: AVPADN. ISSN: 0307-9457.
 DT Article
 LA English
 ED Entered STN: 27 Sep 2006
 Last Updated on STN: 27 Sep 2006

L2 ANSWER 3 OF 24 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN
 AN 2006:243704 BIOSIS <<LOGINID::20090421>>
 DN PREV200600251697
 TI Lawsonia intracellularis vaccine.
 AU ***Jacobs, Antonius Arnoldus Christiaan*** [Inventor]; Vermeij, Paul
 [Inventor]
 CS Kessel, Netherlands
 ASSIGNEE: Akzo Nobel N.V.
 PI US 06921536 20050726
 SO Official Gazette of the United States Patent and Trademark Office Patents,
 (JUL 26 2005)
 CODEN: OGUPE7. ISSN: 0098-1133.
 DT Patent
 LA English
 ED Entered STN: 26 Apr 2006
 Last Updated on STN: 26 Apr 2006

L2 ANSWER 4 OF 24 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2005:607098 CAPLUS <<LOGINID::20090421>>
 TI Combination vaccine for poultry
 IN ***Jacobs, Antonius Arnoldus Christiaan*** ; Van, Empel Paul
 Cornelius Maria; Nuijten, Petrus Johannes Maria
 PA Akzo Nobel N.V., Neth.; Van Empel, Paul Cornelius Maria
 SO PCT Int. Appl.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

| | | | | |
|------------|------|-------|-----------------|-------|
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
| ----- | ---- | ----- | ----- | ----- |

PI WO 2005063284 A1 20050714 WO 2004-EP53623 20041221
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
MR, NE, SN, TD, TG
CA 2550923 A1 20050714 CA 2004-2550923 20041221
EP 1699483 A1 20060913 EP 2004-804958 20041221
EP 1699483 B1 20090311
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS
BR 2004017880 A 20070427 BR 2004-17880 20041221
JP 2007518717 T 20070712 JP 2006-546172 20041221
AT 424844 T 20090315 AT 2004-804958 20041221
US 20090053262 A1 20090226 US 2006-582315 20060608
PRAI EP 2003-104954 A 20031223
WO 2004-EP53623 W 20041221

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 5 OF 24 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2005:423701 CAPLUS <<LOGINID::20090421>>
DN 142:462689
TI Antibodies against Campylobacter and complement for decontamination of
biological tissue such as meat.
IN Segers, Ruud Philip Antoon Maria; ***Jacobs, Antonius Arnoldus***
*** Christiaan***
PA Akzo Nobel N. V., Neth.
SO PCT Int. Appl., 16 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | WO 2005044012 | A2 | 20050519 | WO 2004-EP52463 | 20041007 |
| | WO 2005044012 | A3 | 20071221 | | |
| | W: | | | | |
| | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, | | | | |
| | CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, | | | | |
| | GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, | | | | |
| | LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, | | | | |
| | NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, | | | | |
| | TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| | RW: | | | | |
| | BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, | | | | |
| | AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, | | | | |
| | EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, | | | | |
| | SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, | | | | |
| | SN, TD, TG, AP, EA, EP, OA | | | | |
| PRAI | EP 2003-78157 | A | 20031008 | | |

L2 ANSWER 6 OF 24 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN

AN 2004:406193 BIOSIS <<LOGINID::20090421>>
 DN PREV200400411358
 TI Campylobacter vaccine.
 AU ***Jacobs, Antonius Arnoldus Christiaan*** [Inventor, Reprint Author];
 van den Bosch, Johannes Franciscus [Inventor]; Nuijten, Petrus Johannes
 Maria [Inventor]
 CS Kessel, Netherlands
 ASSIGNEE: Akzo Nobel, NV, Arnheim, Netherlands
 PI US 6790446 20040914
 SO Official Gazette of the United States Patent and Trademark Office Patents,
 (Sep 14 2004) Vol. 1286, No. 2.
<http://www.uspto.gov/web/menu/patdata.html>. e-file.
 ISSN: 0098-1133 (ISSN print).
 DT Patent
 LA English
 ED Entered STN: 20 Oct 2004
 Last Updated on STN: 20 Oct 2004

L2 ANSWER 7 OF 24 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN
 AN 2004:397973 BIOSIS <<LOGINID::20090421>>
 DN PREV200400402440
 TI Campylobacter vaccine.
 AU ***Jacobs, Antonius Arnoldus Christiaan*** [Inventor, Reprint Author];
 van den Bosch, Johannes Franciscus [Inventor]; Nuijten, Petrus Johannes
 Maria [Inventor]
 CS Kessel, Netherlands
 ASSIGNEE: Akzo Nobel N. V., Arnhem, Netherlands
 PI US 6787137 20040907
 SO Official Gazette of the United States Patent and Trademark Office Patents,
 (Sep 7 2004) Vol. 1286, No. 1. <http://www.uspto.gov/web/menu/patdata.html>.
 e-file.
 ISSN: 0098-1133 (ISSN print).
 DT Patent
 LA English
 ED Entered STN: 13 Oct 2004
 Last Updated on STN: 13 Oct 2004

L2 ANSWER 8 OF 24 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN
 DUPLICATE 2
 AN 2003:387275 BIOSIS <<LOGINID::20090421>>
 DN PREV200300387275
 TI Efficacy of a new tetravalent coryza vaccine against emerging variant type
 B strains.
 AU ***Jacobs, Anton A. C.*** [Reprint Author]; van den Berg, Karin; Malo,
 Aris
 CS Intervet International BV, 5830 AA, P.O. Box 31, Boxmeer, Netherlands
 Ton.Jacobs@Intervet.com
 SO Avian Pathology, (June 2003) Vol. 32, No. 3, pp. 265-269. print.
 CODEN: AVPADN. ISSN: 0307-9457.
 DT Article
 LA English
 ED Entered STN: 20 Aug 2003
 Last Updated on STN: 20 Aug 2003

L2 ANSWER 9 OF 24 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2002:503432 CAPLUS <<LOGINID::20090421>>
 DN 137:77871

TI Cloning of genes for novel Lawsonia intracellularis outer membrane proteins and their use in preparing vaccines for porcine proliferative enteropathy

IN ***Jacobs, Antonius A. C.*** ; Vermeij, Paul
PA Akzo Nobel N.V., Neth.; Intervet International BV
SO Eur. Pat. Appl., 26 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| | ----- | ---- | ----- | ----- | ----- |
| PI | EP 1219711 | A2 | 20020703 | EP 2001-204919 | 20011214 |
| | EP 1219711 | A3 | 20021106 | | |
| | EP 1219711 | B1 | 20060614 | | |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| | EP 1586646 | A2 | 20051019 | EP 2005-104073 | 20011214 |
| | EP 1586646 | A3 | 20070801 | | |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR | | | | |
| | AT 330013 | T | 20060715 | AT 2001-204919 | 20011214 |
| | ES 2266090 | T3 | 20070301 | ES 2001-204919 | 20011214 |
| | CA 2365494 | A1 | 20020620 | CA 2001-2365494 | 20011218 |
| | JP 2003000276 | A | 20030107 | JP 2001-385373 | 20011219 |
| | JP 4237960 | B2 | 20090311 | | |
| | HU 2001005379 | A2 | 20030128 | HU 2001-5379 | 20011219 |
| | HU 2001005379 | A3 | 20040728 | | |
| | AU 2001097371 | A | 20020627 | AU 2001-97371 | 20011220 |
| | AU 783210 | B2 | 20051006 | | |
| | US 20050069559 | A1 | 20050331 | US 2001-34500 | 20011220 |
| | US 6921536 | B2 | 20050726 | | |
| | US 20050250150 | A1 | 20051110 | US 2005-180997 | 20050713 |
| | US 7491401 | B2 | 20090217 | | |
| PRAI | EP 2000-204660 | A | 20001220 | | |
| | EP 2001-204919 | A3 | 20011214 | | |
| | US 2001-34500 | A3 | 20011220 | | |
| | US 2005-102182 | B3 | 20050408 | | |

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 10 OF 24 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN

AN 2001:227306 BIOSIS <<LOGINID::20090421>>

DN PREV200100227306

TI Streptococcus equi vaccine.

AU ***Jacobs, Antonius Arnoldus Christiaan*** [Inventor, Reprint author]

CS Kessel, Netherlands

ASSIGNEE: Akzo Nobel N.V., Arnhem, Netherlands

PI US 6120775 20000919

SO Official Gazette of the United States Patent and Trademark Office Patents, (Sep. 19, 2000) Vol. 1238, No. 3. e-file.

CODEN: OGUPE7. ISSN: 0098-1133.

DT Patent

LA English

ED Entered STN: 9 May 2001

Last Updated on STN: 18 Feb 2002

L2 ANSWER 11 OF 24 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2000:723118 CAPLUS <<LOGINID::20090421>>
 DN 133:295357
 TI Campylobacter vaccine
 IN ***Jacobs, Antonius Arnoldus Christiaan*** ; Van Den Bosch, Johannes
 Franciscus; Nuijten, Petrus Johannes Maria
 PA Akzo Nobel N.V., Neth.
 SO Eur. Pat. Appl., 21 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | EP 1043029 | A1 | 20001011 | EP 2000-201203 | 20000403 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| | JP 2000351735 | A | 20001219 | JP 2000-88054 | 20000328 |
| | CA 2303722 | A1 | 20001009 | CA 2000-2303722 | 20000405 |
| | AU 2000026406 | A | 20001012 | AU 2000-26406 | 20000405 |
| | AU 775752 | B2 | 20040812 | | |
| | CN 1270061 | A | 20001018 | CN 2000-104982 | 20000407 |
| | CN 1170594 | C | 20041013 | | |
| | BR 2000001559 | A | 20010821 | BR 2000-1559 | 20000407 |
| | HU 2000001423 | A2 | 20020629 | HU 2000-1423 | 20000407 |
| | HU 2000001423 | A3 | 20050530 | | |
| | US 6787137 | B1 | 20040907 | US 2000-544683 | 20000407 |
| | MX 2000003427 | A | 20041028 | MX 2000-3427 | 20000407 |
| | US 20030072766 | A1 | 20030417 | US 2002-192419 | 20020710 |
| | US 6790446 | B2 | 20040914 | | |
| PRAI | EP 1999-201086 | A | 19990409 | | |
| | US 2000-544683 | A3 | 20000407 | | |

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 12 OF 24 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2000:534821 CAPLUS <<LOGINID::20090421>>
 DN 133:140191
 TI Use of live attenuated bacteria for the manufacture of a submucosal
 vaccine
 IN ***Jacobs, Antonius Arnoldus Christiaan*** ; Goovaerts, Danny
 PA Akzo Nobel N. V., Neth.
 SO Eur. Pat. Appl., 7 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------|----------|-----------------|----------|
| PI | EP 1023903 | A1 | 20000802 | EP 2000-200216 | 20000120 |
| | EP 1023903 | B1 | 20040114 | | |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| | CA 2243730 | A1 | 19990129 | CA 1998-2243730 | 19980721 |
| | EP 894500 | A1 | 19990203 | EP 1998-202512 | 19980727 |
| | EP 894500 | B1 | 20040630 | | |

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO

| | | | | |
|---------------------|----|----------|----------------|----------|
| JP 11100329 | A | 19990413 | JP 1998-210514 | 19980727 |
| AT 270112 | T | 20040715 | AT 1998-202512 | 19980727 |
| PT 894500 | T | 20041029 | PT 1998-202512 | 19980727 |
| ES 2224331 | T3 | 20050301 | ES 1998-202512 | 19980727 |
| HU 9801705 | A2 | 19990528 | HU 1998-1705 | 19980728 |
| HU 9801705 | A3 | 20011128 | | |
| HU 223762 | B1 | 20050128 | | |
| JP 2000309542 | A | 20001107 | JP 2000-11573 | 20000120 |
| AT 257713 | T | 20040115 | AT 2000-200216 | 20000120 |
| PT 1023903 | T | 20040430 | PT 2000-200216 | 20000120 |
| ES 2214217 | T3 | 20040916 | ES 2000-200216 | 20000120 |
| AU 761515 | B2 | 20030605 | AU 2000-13557 | 20000125 |
| PRAI EP 1997-202365 | A | 19970729 | | |
| EP 1997-202925 | A | 19970924 | | |
| EP 1999-200202 | A | 19990126 | | |

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 13 OF 24 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on
STN DUPLICATE 3

AN 2002:440077 BIOSIS <<LOGINID::20090421>>
DN PREV200200440077
TI DNA rearrangements in the Flagellin locus of an flaA mutant of
Campylobacter jejuni during colonization of chicken ceca.
AU Nuijten, Piet J. M. [Reprint author]; van den Berg, Anton J. G.;
Formentini, Ivan; Van der Zeijst, Bernard A. M.; ***Jacobs, Anton A.***
*** C.***

CS Bacteriological R and D, Intervet International BV, 5830 AA, P.O. Box 31,
Boxmeer, Netherlands
Piet.nuijten@intervet.com
SO Infection and Immunity, (December, 2000) Vol. 68, No. 12, pp. 7137-7140.
print.
CODEN: INFIBR. ISSN: 0019-9567.
DT Article
LA English
ED Entered STN: 14 Aug 2002
Last Updated on STN: 14 Aug 2002

L2 ANSWER 14 OF 24 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on
STN

AN 1999:317652 BIOSIS <<LOGINID::20090421>>
DN PREV199900317652
TI Streptococcus equi vaccine.
AU Hartford, Orla Mary [Inventor, Reprint author]; Foster, Timothy James
[Inventor]; ***Jacobs, Antonius Arnoldus Christiaan*** [Inventor]
CS Duleek, Ireland
ASSIGNEE: Provost Fellows and Scholars of the College of the Univ. of the
Holy
PI US 5895654 19990719
SO Official Gazette of the United States Patent and Trademark Office Patents,
(19-JUL-99) Vol. 1221, No. 3. print.
CODEN: OGUPE7. ISSN: 0098-1133.
DT Patent
LA English
ED Entered STN: 17 Aug 1999

Last Updated on STN: 17 Aug 1999

L2 ANSWER 15 OF 24 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on
STN DUPLICATE 4
AN 1998:510162 BIOSIS <<LOGINID::20090421>>
DN PREV199800510162
TI Characterisation of the gene encoding suilysin from Streptococcus suis and
expression in field strains.
AU Segers, Ruud P. A. M. [Reprint author]; Kenter, Tim; De Haan, Louise A.
M.; ***Jacobs, Anton A. C.***
CS Intervet International BV, Dep. Bacteriological Res., P.O. Box 31, 5830 AA
Boxmeer, Netherlands
SO FEMS Microbiology Letters, (Oct. 15, 1998) Vol. 167, No. 2, pp. 255-261.
print.
CODEN: FMLED7. ISSN: 0378-1097.
DT Article
LA English
ED Entered STN: 18 Dec 1998
Last Updated on STN: 18 Dec 1998

L2 ANSWER 16 OF 24 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1995:372910 CAPLUS <<LOGINID::20090421>>
DN 122:131159
OREF 122:24475a,24478a
TI Vaccine against Streptococcus suis infection
IN ***Jacobs, Antonius Arnoldus Christiaan***
PA Akzo Nobel N.V., Neth.
SO Eur. Pat. Appl., 19 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|------------------|----------|
| | ----- | ---- | ----- | ----- | ----- |
| PI | EP 626452 | A1 | 19941130 | EP 1994-201295 | 19940509 |
| | EP 626452 | B1 | 19990811 | | |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE | | | | |
| | AT 183241 | T | 19990815 | AT 1994-201295 | 19940509 |
| | ES 2137310 | T3 | 19991216 | ES 1994-201295 | 19940509 |
| | US 5612042 | A | 19970318 | US 1994-242406 | 19940513 |
| | SK 281324 | B6 | 20010212 | SK 1994-563 | 19940513 |
| | CZ 289302 | B6 | 20011212 | CZ 1994-1175 | 19940513 |
| | TW 494103 | B | 20020711 | TW 1994-83104343 | 19940513 |
| | HU 69796 | A2 | 19950928 | HU 1994-1511 | 19940516 |
| | HU 218154 | B | 20000628 | | |
| | PL 177219 | B1 | 19991029 | PL 1994-303482 | 19940516 |
| | JP 07010774 | A | 19950113 | JP 1994-103080 | 19940517 |
| | JP 3578799 | B2 | 20041020 | | |
| | GR 3031698 | T3 | 20000229 | GR 1999-402789 | 19991103 |
| PRAI | EP 1993-201401 | A | 19930517 | | |
| | EP 1994-201295 | A | 19940509 | | |

L2 ANSWER 17 OF 24 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on
STN DUPLICATE 5
AN 1994:272696 BIOSIS <<LOGINID::20090421>>
DN PREV199497285696
TI Identification, purification, and characterization of a thiol-activated

hemolysin (Suilysin) of Streptococcus suis.

AU ***Jacobs, Anton A. C.*** [Reprint author]; Loeffen, Peter L. W.; Van
Den Berg, Anton J. G.; Storm, Paul K.
CS Intervet International B.V., P.O. Box 31, NL-5830 AA Boxmeer, Netherlands
SO Infection and Immunity, (1994) Vol. 62, No. 5, pp. 1742-1748.
CODEN: INFIBR. ISSN: 0019-9567.
DT Article
LA English
ED Entered STN: 24 Jun 1994
Last Updated on STN: 24 Jun 1994

L2 ANSWER 18 OF 24 CAPLUS COPYRIGHT 2009 ACS on STN

AN 1987:629156 CAPLUS <<LOGINID::20090421>>

DN 107:229156

OREF 107:36623a,36626a

TI Peptide compositions for combatting diarrhea

IN De Graaf, Frits Karel; ***Jacobs, Antonius Arnoldus Christiaan***

PA Vereniging voor Christelijk Wetenschappelijk Onderwijs, Neth.

SO PCT Int. Appl., 10 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| | ----- | ---- | ----- | ----- | ----- |
| PI | WO 8703485 | A1 | 19870618 | WO 1986-NL41 | 19861209 |
| | W: JP, US | | | | |
| | RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE | | | | |
| | NL 8503413 | A | 19870701 | NL 1985-3413 | 19851211 |
| | EP 248838 | A1 | 19871216 | EP 1986-906963 | 19861209 |
| | R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE | | | | |
| | JP 63501950 | T | 19880804 | JP 1987-500023 | 19861209 |
| PRAI | NL 1985-3413 | A | 19851211 | | |
| | WO 1986-NL41 | W | 19861209 | | |

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 19 OF 24 CAPLUS COPYRIGHT 2009 ACS on STN

AN 1988:3114 CAPLUS <<LOGINID::20090421>>

DN 108:3114

OREF 108:607a,610a

TI Role of phenylalanine 150 in the receptor-binding domain of the K88
fibrillar subunit

AU ***Jacobs, Anton A. C.*** ; Roosendaal, Bert; Van Breemen, Jan F. L.;
De Graaf, Frits K.

CS Dep. Microbiol., Vrije Univ., Amsterdam, 1081 HV, Neth.

SO Journal of Bacteriology (1987), 169(11), 4907-11

CODEN: JOBAAY; ISSN: 0021-9193

DT Journal

LA English

L2 ANSWER 20 OF 24 CAPLUS COPYRIGHT 2009 ACS on STN

AN 1987:572053 CAPLUS <<LOGINID::20090421>>

DN 107:172053

OREF 107:27547a,27550a

TI The role of lysine-132 and arginine-136 in the receptor-binding domain of
the K99 fibrillar subunit

AU ***Jacobs, Anton A. C.*** ; Simons, Bert H.; De Graaf, Frits K.
 CS Dep. Microbiol., Vrije Univ., Amsterdam, 1081 HV, Neth.
 SO EMBO Journal (1987), 6(6), 1805-8
 CODEN: EMJODG; ISSN: 0261-4189
 DT Journal
 LA English

L2 ANSWER 21 OF 24 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 1987:152920 CAPLUS <<LOGINID::20090421>>
 DN 106:152920
 OREF 106:24861a,24864a
 TI Inhibition of adhesive activity of K88 fibrillae by peptides derived from the K88 adhesin
 AU ***Jacobs, Anton A. C.*** ; Venema, Jaap; Leeven, Ronald; Van Pelt-Heerschap, Hilde; De Graaf, Frits K.
 CS Dep. Microbiol., Vrije Univ., Amsterdam, 1081 HV, Neth.
 SO Journal of Bacteriology (1987), 169(2), 735-41
 CODEN: JOBAAY; ISSN: 0021-9193
 DT Journal
 LA English

L2 ANSWER 22 OF 24 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 1986:548395 CAPLUS <<LOGINID::20090421>>
 DN 105:148395
 OREF 105:23835a,23838a
 TI Localization of lysine residues in the binding domain of the K99 fibrillar subunit of enterotoxigenic Escherichia coli
 AU ***Jacobs, Anton A. C.*** ; Van den Berg, Peter A.; Bak, Henk J.; De Graaf, Frits K.
 CS Dep. Microbiol., Vrije Univ., Amsterdam, 1081 HV, Neth.
 SO Biochimica et Biophysica Acta, Protein Structure and Molecular Enzymology (1986), 872(1-2), 92-7
 CODEN: BBAEDZ; ISSN: 0167-4838
 DT Journal
 LA English

L2 ANSWER 23 OF 24 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 1986:18396 CAPLUS <<LOGINID::20090421>>
 DN 104:18396
 OREF 104:3089a,3092a
 TI Effect of chemical modifications on the K99 and K88ab fibrillar adhesins of Escherichia coli
 AU ***Jacobs, Anton A. C.*** ; Van Mechelen, Jan R.; De Graaf, Frits K.
 CS Dep. Microbiol., Vrije Univ., Amsterdam, 1081 HV, Neth.
 SO Biochimica et Biophysica Acta, Protein Structure and Molecular Enzymology (1985), 832(2), 148-55
 CODEN: BBAEDZ; ISSN: 0167-4838
 DT Journal
 LA English

L2 ANSWER 24 OF 24 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 1985:217937 CAPLUS <<LOGINID::20090421>>
 DN 102:217937
 OREF 102:34131a,34134a
 TI Production of K88, K99 and F41 fibrillae in relation to growth phase, and a rapid procedure for adhesin purification
 AU ***Jacobs, Anton A. C.*** ; De Graaf, Frits K.

CS Dep. Microbiol., Vrije Univ., Amsterdam, 1081 HV, Neth.
SO FEMS Microbiology Letters (1985), 26(1), 15-19
CODEN: FMLED7; ISSN: 0378-1097
DT Journal
LA English

=> e empel paul/au

| | | |
|-----|-------|-----------------------|
| E1 | 1 | EMPEL P V/AU |
| E2 | 14 | EMPEL P VAN/AU |
| E3 | 0 --> | EMPEL PAUL/AU |
| E4 | 2 | EMPEL ROLAND/AU |
| E5 | 70 | EMPEL W/AU |
| E6 | 8 | EMPEL WOJCIECH/AU |
| E7 | 1 | EMPELEN P VAN/AU |
| E8 | 1 | EMPELEN PEPIJN/AU |
| E9 | 1 | EMPELEN PEPIJN VAN/AU |
| E10 | 1 | EMPELEN S/AU |
| E11 | 1 | EMPELMANN M/AU |
| E12 | 3 | EMPELMANN MARTIN/AU |

=> s e1-e2

L3 15 ("EMPEL P V"/AU OR "EMPEL P VAN"/AU)

=> dup rem l3

PROCESSING COMPLETED FOR L3

L4 14 DUP REM L3 (1 DUPLICATE REMOVED)

=> d 1-

YOU HAVE REQUESTED DATA FROM 14 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 14 CABA COPYRIGHT 2009 CABI on STN

AN 2005:66282 CABA <<LOGINID::20090421>>

DN 20053046858

TI Diagnosis and incidence of Ornithobacterium rhinotracheale infections in commercial broiler chickens at slaughter

AU Veen, L. van; Nieuwenhuizen, J.; Mekkes, D.; Vrijenhoek, M.; ***Empel,***
*** P. van*** ; van Veen, L.; van Empel, P.

CS Animal Health Service, PO Box 9, 7400 AA Deventer, Netherlands.

SO Veterinary Record, (2005) Vol. 156, No. 10, pp. 315-317. 11 ref.

Publisher: British Veterinary Association. London

ISSN: 0042-4900

CY United Kingdom

DT Journal

LA English

ED Entered STN: 6 May 2005

Last Updated on STN: 6 May 2005

L4 ANSWER 2 OF 14 CABA COPYRIGHT 2009 CABI on STN

AN 2005:123448 CABA <<LOGINID::20090421>>

DN 20053113668

TI Immunization with the binding domain of FimH, the adhesin of type 1 fimbriae, does not protect chickens against avian pathogenic Escherichia coli

AU Vandemaele, F.; Ververken, C.; Bleyen, N.; Geys, J.; D'Hulst, C.; Addwebi, T.; ***Empel, P. van*** ; Goddeeris, B. M.; van Empel, P.

CS Laboratory of Physiology and Immunology of Domestic Animals, Faculty of

Applied Bioscience and Engineering, Catholic University Leuven,
Kasteelpark Arenberg 30, 3001 Leuven, Belgium.
Frederic.vandemaele@agr.kuleuven.ac.be

SO Avian Pathology, (2005) Vol. 34, No. 3, pp. 264-272. 32 ref.
Publisher: Taylor & Francis. Basingstoke
ISSN: 0307-9457
URL: <http://taylorandfrancis.metapress.com/link.asp?id=102204>

CY United Kingdom
DT Journal
LA English
ED Entered STN: 3 Aug 2005
Last Updated on STN: 3 Aug 2005

L4 ANSWER 3 OF 14 CABA COPYRIGHT 2009 CABI on STN DUPLICATE 1
AN 2005:85295 CABA <<LOGINID::20090421>>
DN 20053068830
TI Key role of Chlamydophila psittaci on Belgian turkey farms in association
with other respiratory pathogens

AU Loock, M. van; Geens, T.; Smit, L. de; Nauwynck, H.; ***Empel, P. van***
; Naylor, C.; Hafez, H. M.; Goddeeris, B. M.; Vanrompay, D.; van Loock,
M.; de Smit, L.; van Empel, P.

CS Department of Animal Sciences, Catholic University of Leuven, Leuven,
Belgium. Daisy.Vanrompay@ugent.be

SO Veterinary Microbiology, (2005) Vol. 107, No. 1/2, pp. 91-101. 41 ref.
Publisher: Elsevier. Amsterdam
ISSN: 0378-1135
URL: <http://www.sciencedirect.com/science/journal/03781135>

CY Netherlands Antilles
DT Journal
LA English
ED Entered STN: 9 Jun 2005
Last Updated on STN: 9 Jun 2005

L4 ANSWER 4 OF 14 CABA COPYRIGHT 2009 CABI on STN
AN 2004:148957 CABA <<LOGINID::20090421>>
DN 20043132478
TI Studies of the transmission routes of Ornithobacterium rhinotracheale and
immunoprophylaxis to prevent infection in young meat turkeys

AU Veen, L. van; Vrijenhoek, M.; ***Empel, P. van*** ; van Veen, L.; van
Empel, P.

CS Intervet International BV, Post-Box 31, 5830 AA Boxmeer, Netherlands.

SO Avian Diseases, (2004) Vol. 48, No. 2, pp. 233-237. 8 ref.
Publisher: American Association of Avian Pathologists. Kennett Square
ISSN: 0005-2086

CY United States
DT Journal
LA English
SL Spanish
ED Entered STN: 3 Sep 2004
Last Updated on STN: 3 Sep 2004

L4 ANSWER 5 OF 14 CABA COPYRIGHT 2009 CABI on STN
AN 2002:114608 CABA <<LOGINID::20090421>>
DN 20023070788
TI Protection of piglets against atrophic rhinitis by vaccinating the sow
with a vaccine against Pasteurella multocida and Bordetella bronchiseptica

AU Riising, H. J.; ***Empel, P. van*** ; Witvliet, M.; van Empel, P.

CS Intervet Danmark, Literbuen 9, DK 2740 Skovlunde, Denmark.
 SO Veterinary Record, (2002) Vol. 150, No. 18, pp. 569-571. 11 ref.
 Publisher: British Veterinary Association. London
 ISSN: 0042-4900
 CY United Kingdom
 DT Journal
 LA English
 ED Entered STN: 8 Jul 2002
 Last Updated on STN: 8 Jul 2002

L4 ANSWER 6 OF 14 CABA COPYRIGHT 2009 CABI on STN
 AN 2002:187529 CABA <<LOGINID::20090421>>
 DN 20023138434
 TI O. rhinotracheale is a global concern
 AU ***Empel, P. van*** ; van Empel, P.
 CS Intervet Netherlands, Kleine Broekstraat 1. 5831 AP Boxmeer, Netherlands.
 SO World Poultry, (2002) Vol. 18, No. Special, pp. 25-26.
 Publisher: Elsevier International Business Information. Doetinchem
 ISSN: 1388-3119
 CY Netherlands Antilles
 DT Journal
 LA English
 ED Entered STN: 8 Nov 2002
 Last Updated on STN: 8 Nov 2002

L4 ANSWER 7 OF 14 CABA COPYRIGHT 2009 CABI on STN
 AN 2002:101010 CABA <<LOGINID::20090421>>
 DN 20023062859
 TI Ornithobacterium rhinotracheale - control via breeder vaccination?
 AU ***Empel, P. van*** ; van Empel, P.
 CS Intervet International BV, Boxmeer, Netherlands.
 SO International Hatchery Practice, (2002) Vol. 16, No. 5, pp. 21-23. 10 ref.
 Publisher: Positive Action Publications Ltd. Driffield
 CY United Kingdom
 DT Journal
 LA English
 ED Entered STN: 7 Jun 2002
 Last Updated on STN: 7 Jun 2002

L4 ANSWER 8 OF 14 CABA COPYRIGHT 2009 CABI on STN
 AN 2001:37603 CABA <<LOGINID::20090421>>
 DN 20013010407
 TI Ornithobacterium rhinotracheale, a primary pathogen in broilers
 AU Veen, L. van; ***Empel, P. van*** ; Fabri, T.; van Empel, P.
 CS Animal Health Service, Poultry Section, Post-Box 9, 7400 AA Deventer, Netherlands.
 SO Avian Diseases, (2000) Vol. 44, No. 4, pp. 896-900. 6 ref.
 Publisher: American Association of Avian Pathologists. Kennett Square
 ISSN: 0005-2086
 CY United States
 DT Journal
 LA English
 SL Spanish
 ED Entered STN: 9 Apr 2001
 Last Updated on STN: 9 Apr 2001

L4 ANSWER 9 OF 14 CABA COPYRIGHT 2009 CABI on STN

AN 2001:9272 CABA <<LOGINID::20090421>>
 DN 20003004240
 TI Increased condemnation of broilers associated with *Ornithobacterium rhinotracheale*
 AU Veen, L. van; Gruys, E.; Frik, K.; ***Empel, P. van*** ; van Veen, L.; van Empel, P.
 CS Animal Health Service, Poultry Section, P.O. Box 9, 7400 AA Deventer, Netherlands.
 SO Veterinary Record, (2000) Vol. 147, No. 15, pp. 422-423. 10 ref.
 Publisher: British Veterinary Association. London
 ISSN: 0042-4900
 CY United Kingdom
 DT Journal
 LA English
 ED Entered STN: 1 Feb 2001
 Last Updated on STN: 1 Feb 2001

L4 ANSWER 10 OF 14 CABA COPYRIGHT 2009 CABI on STN
 AN 1999:102177 CABA <<LOGINID::20090421>>
 DN 19992209414
 TI Immunohistochemical and serological investigation of experimental *Ornithobacterium rhinotracheale* infection in chickens
 AU ***Empel, P. van*** ; Vrijenhoek, M.; Goovaerts, D.; Bosch, H. van den; van Empel, P.; van den Bosch, H.
 CS Intervet International B.V., Wim de Korverstraat 35, P.O. Box 31, NL-5830 AA Boxmeer, Netherlands.
 SO Avian Pathology, (1999) Vol. 28, No. 2, pp. 187-193. 14 ref.
 ISSN: 0307-9457
 DT Journal
 LA English
 SL French; German; Spanish
 ED Entered STN: 7 Jul 1999
 Last Updated on STN: 7 Jul 1999

L4 ANSWER 11 OF 14 CABA COPYRIGHT 2009 CABI on STN
 AN 1999:9339 CABA <<LOGINID::20090421>>
 DN 19982219934
 TI Vaccination of chickens against *Ornithobacterium rhinotracheale* infection
 AU ***Empel, P. van*** ; Bosch, H. van den; van Empel, P.; van den Bosch, H.
 CS Intervet International, P.O. Box 31, NL-5830 AA Boxmeer, Netherlands.
 SO Avian Diseases, (1998) Vol. 42, No. 3, pp. 572-578. 14 ref.
 ISSN: 0005-2086
 DT Journal
 LA English
 SL Spanish
 ED Entered STN: 12 Jan 1999
 Last Updated on STN: 12 Jan 1999

L4 ANSWER 12 OF 14 CABA COPYRIGHT 2009 CABI on STN
 AN 97:56419 CABA <<LOGINID::20090421>>
 DN 19972205269
 TI Identification and serotyping of *Ornithobacterium rhinotracheale*
 AU ***Empel, P. van*** ; Bosch, H. van den; Loeffen, P.; Storm, P.; Van Empel, P.; Van den Bosch, H.
 CS Intervet International B.V., NL-5830 AA Boxmeer, Netherlands.
 SO Journal of Clinical Microbiology, (1997) Vol. 35, No. 2, pp. 418-421. 9

ref.
ISSN: 0095-1137

DT Journal
LA English
ED Entered STN: 19 May 1997
Last Updated on STN: 19 May 1997

L4 ANSWER 13 OF 14 CABA COPYRIGHT 2009 CABI on STN
AN 97:68692 CABA <<LOGINID::20090421>>
DN 19972206809
TI Experimental infection in turkeys and chickens with *Ornithobacterium rhinotracheale*
AU ***Empel, P. van*** ; Bosch, H. van den; Goovaerts, D.; Storm, P.; Van Empel, P.; Van den Bosch, H.
CS Intervet International, PO Box 31, NL-5830 AA Boxmeer, Netherlands.
SO Avian Diseases, (1996) Vol. 40, No. 4, pp. 858-864. 7 ref.
ISSN: 0005-2086
DT Journal
LA English
SL Spanish
ED Entered STN: 12 Jun 1997
Last Updated on STN: 12 Jun 1997

L4 ANSWER 14 OF 14 CABA COPYRIGHT 2009 CABI on STN
AN 97:10339 CABA <<LOGINID::20090421>>
DN 19970400275
TI Antibody titres against CP5 and CP8 in a dairy herd with high incidence of *Staphylococcus aureus* mastitis
AU Lohuis, J. A. C. M.; ***Empel, P. van*** ; Fattom, A.; Lam, T.; Schukken, Y. H.; Storm, P.; Van Empel, P.; Saran, A. [EDITOR]; Soback, S. [EDITOR]
CS Intervet International B.V., Bacteriological R & D Department, P.O. Box 31, 5830 AA Boxmeer, Netherlands.
SO Proceedings of the Third IDF International Mastitis Seminar Tel-Aviv, Israel, 28 May - 1 June 1995. Book 1, (1995) pp. s-1,25-27. 3 ref.
Publisher: National Mastitis Reference Center. Beit-Dagan
Meeting Info.: Proceedings of the Third IDF International Mastitis Seminar Tel-Aviv, Israel, 28 May - 1 June 1995. Book 1.
ISBN: 965-222-636-X
CY Israel
DT Conference Article
LA English
ED Entered STN: 10 Mar 1997
Last Updated on STN: 10 Mar 1997

=> e nuijten petrus/au

| | | |
|-----|-------|--|
| E1 | 80 | NUIJTEN P J M/AU |
| E2 | 6 | NUIJTEN PETER/AU |
| E3 | 0 --> | NUIJTEN PETRUS/AU |
| E4 | 1 | NUIJTEN PETRUS A C M/AU |
| E5 | 1 | NUIJTEN PETRUS J M/AU |
| E6 | 10 | NUIJTEN PETRUS JOHANNES MARIA/AU |
| E7 | 6 | NUIJTEN PIET/AU |
| E8 | 2 | NUIJTEN PIET J A/AU |
| E9 | 45 | NUIJTEN PIET J M/AU |
| E10 | 1 | NUIJTEN PUSTJENS GERRY MARIA GERTRUDA JOHANNA/AU |

E11 4 NUIJTEN S/AU
E12 2 NUIJTEN S M/AU

=> s e1-e6 and ornitho?

L5 24 ("NUIJTEN P J M"/AU OR "NUIJTEN PETER"/AU OR "NUIJTEN PETRUS"/AU
OR "NUIJTEN PETRUS A C M"/AU OR "NUIJTEN PETRUS J M"/AU OR "NUI
JTEN PETRUS JOHANNES MARIA"/AU) AND ORNITHO?

=> dup rem l5

PROCESSING COMPLETED FOR L5

L6 7 DUP REM L5 (17 DUPLICATES REMOVED)

=> d 1-

YOU HAVE REQUESTED DATA FROM 7 ANSWERS - CONTINUE? Y/(N):y

L6 ANSWER 1 OF 7 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN
DUPLICATE 1
AN 2006:324666 BIOSIS <<LOGINID::20090421>>
DN PREV200600325257
TI Vaccine potential of recombinant ***Ornithobacterium*** rhinotracheale
antigens.
AU Schuijfffel, D. F.; Van Empel, P. C. M.; Segers, R. P. A. M.; Van Putten,
J. P. M.; ***Nuijten, P. J. M.*** [Reprint Author]
CS Nobilon Int BV, Bacteriol R and D, POB 320, NL-5830 AH Boxmeer,
Netherlands
piet.nuijten@Nobilonvaccines.com
SO Vaccine, (MAR 10 2006) Vol. 24, No. 11, pp. 1858-1867.
CODEN: VACCDE. ISSN: 0264-410X.
DT Article
LA English
ED Entered STN: 21 Jun 2006
Last Updated on STN: 21 Jun 2006

L6 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2005:902911 CAPLUS <<LOGINID::20090421>>
DN 143:243067
TI Protein and cDNA sequences of eight novel ***Ornithobacterium***
rhinotracheale antigens and use in vaccines
IN Schuijfffel, Danielle Francisca; ***Nuijten, Petrus Johannes Maria***
PA Akzo Nobel N. V., Neth.
SO PCT Int. Appl., 43 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|--|------|----------|-----------------|----------|
| | ----- | ---- | ----- | ----- | ----- |
| PI | WO 2005077972 | A1 | 20050825 | WO 2005-EP50577 | 20050209 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| | RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, | | | | |

RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
MR, NE, SN, TD, TG

| | | | | |
|--|----|----------|-----------------|----------|
| AU 2005212850 | A1 | 20050825 | AU 2005-212850 | 20050209 |
| CA 2553703 | A1 | 20050825 | CA 2005-2553703 | 20050209 |
| EP 1716169 | A1 | 20061102 | EP 2005-701653 | 20050209 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS | | | | |
| BR 2005007281 | A | 20070703 | BR 2005-7281 | 20050209 |
| JP 2007537723 | T | 20071227 | JP 2006-552621 | 20050209 |
| MX 2006008760 | A | 20070123 | MX 2006-8760 | 20060802 |
| IN 2006CN02908 | A | 20070608 | IN 2006-CN2908 | 20060808 |
| US 20080008718 | A1 | 20080110 | US 2006-588992 | 20060810 |
| PRAI EP 2004-75427 | A | 20040211 | | |
| WO 2005-EP50577 | W | 20050209 | | |

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2005:607098 CAPLUS <<LOGINID::20090421>>
TI Combination vaccine for poultry
IN Jacobs, Antonius Arnoldus Christiaan; Van, Empel Paul Cornelius Maria;
Nuijten, Petrus Johannes Maria
PA Akzo Nobel N.V., Neth.; Van Empel, Paul Cornelius Maria
SO PCT Int. Appl.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|-------|-----------------|-------|
| ----- | ---- | ----- | ----- | ----- |

PI WO 2005063284 A1 20050714 WO 2004-EP53623 20041221

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
MR, NE, SN, TD, TG

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| CA 2550923 | A1 | 20050714 | CA 2004-2550923 | 20041221 |
| EP 1699483 | A1 | 20060913 | EP 2004-804958 | 20041221 |
| EP 1699483 | B1 | 20090311 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS | | | | |
| BR 2004017880 | A | 20070427 | BR 2004-17880 | 20041221 |
| JP 2007518717 | T | 20070712 | JP 2006-546172 | 20041221 |
| AT 424844 | T | 20090315 | AT 2004-804958 | 20041221 |
| US 20090053262 | A1 | 20090226 | US 2006-582315 | 20060608 |
| PRAI EP 2003-104954 | A | 20031223 | | |
| WO 2004-EP53623 | W | 20041221 | | |

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 7 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN

DUPLICATE 2
 AN 2005:554651 BIOSIS <<LOGINID::20090421>>
 DN PREV200510340117
 TI Successful selection of cross-protective vaccine candidates for
 Ornithobacterium rhinotracheale infection.
 AU Schuijfffel, D. F.; van Empel, P. C. M.; Pennings, A. M. M. A.; van Putten,
 J. P. M.; ***Nuijten, P. J. M.*** [Reprint Author]
 CS Nobilon Int BV, Bacteriol R and D, POB 320, Exportstr 39B, NL-5830 AH
 Boxmeer, Netherlands
 Piet.Nuijten@Nobilonvaccines.com
 SO Infection and Immunity, (OCT 2005) Vol. 73, No. 10, pp. 6812-6821.
 CODEN: INFIBR. ISSN: 0019-9567.
 DT Article
 LA English
 ED Entered STN: 7 Dec 2005
 Last Updated on STN: 7 Dec 2005

L6 ANSWER 5 OF 7 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN
 DUPLICATE 3
 AN 2005:316197 BIOSIS <<LOGINID::20090421>>
 DN PREV200510106203
 TI Passive immunization of immune-suppressed animals: Chicken antibodies
 protect against ***Ornithobacterium*** rhinotracheale infection.
 AU Schuijfffel, D. F.; Van Empel, P. C. M.; Pennings, A. M. M. A.; Van Putten,
 J. P. M.; ***Nuijten, P. J. M.*** [Reprint Author]
 CS Nobilon Int BV, Bacteriol R and D, Exportstr 39B, NL-5830 AH Boxmeer,
 Netherlands
 Piet.Nuijten@Nobilonvaccines.com
 SO Vaccine, (MAY 16 2005) Vol. 23, No. 26, pp. 3404-3411.
 CODEN: VACCDE. ISSN: 0264-410X.
 DT Article
 LA English
 ED Entered STN: 17 Aug 2005
 Last Updated on STN: 17 Aug 2005

L6 ANSWER 6 OF 7 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN
 AN 2003:453878 BIOSIS <<LOGINID::20090421>>
 DN PREV200300453878
 TI The chicken humoral immune response is involved in protection against
 Ornithobacterium rhinotracheale infection.
 AU Schuijfffel, D. F. [Reprint Author]; ***Nuijten, P. J. M.*** [Reprint
 Author]; Pennings, A. M. M. A. [Reprint Author]; van Putten, J.; van
 Empel, P. C. M. [Reprint Author]
 CS Bacteriology R and D, Intervet International BV, Wim de Korverstraat 35,
 5830 AA, Boxmeer, Netherlands
 SO FEMS Congress of European Microbiologists Abstract Book, (2003) No. 1, pp.
 269-270. print.
 Meeting Info.: 1st Federation of European Microbiological Societies (FEMS)
 Congress of European Microbiologists. Ljubljana, Slovenia. June 29-July
 03, 2003. FEMS (Federation of European Microbiological Societies).
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 1 Oct 2003
 Last Updated on STN: 1 Oct 2003

L6 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2002:391558 CAPLUS <<LOGINID::20090421>>
 DN 136:384973
 TI Salmonella vaccine
 IN ***Nuijten, Petrus Johannes Maria*** ; Witvliet, Maarten Hendrik
 PA Akzo Nobel N.V., Neth.
 SO PCT Int. Appl., 22 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | WO 2002040046 | A1 | 20020523 | WO 2001-EP13396 | 20011115 |
| | W: AE, AG, AL, AU, BA, BB, BG, BR, BZ, CA, CN, CO, CR, CU, CZ, DM, DZ, EC, EE, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, MZ, NO, NZ, PH, PL, RO, RU, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, TJ, TM | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| | CA 2429120 | A1 | 20020523 | CA 2001-2429120 | 20011115 |
| | AU 2002017043 | A | 20020527 | AU 2002-17043 | 20011115 |
| | EP 1345621 | A1 | 20030924 | EP 2001-996389 | 20011115 |
| | EP 1345621 | B1 | 20081112 | | |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| | HU 2003002612 | A2 | 20031128 | HU 2003-2612 | 20011115 |
| | HU 2003002612 | A3 | 20041028 | | |
| | JP 2004513646 | T | 20040513 | JP 2002-542418 | 20011115 |
| | AT 413888 | T | 20081115 | AT 2001-996389 | 20011115 |
| | ES 2316492 | T3 | 20090416 | ES 2001-996389 | 20011115 |
| | US 20040052802 | A1 | 20040318 | US 2003-432102 | 20030516 |
| | US 7045122 | B2 | 20060516 | | |
| PRAI | EP 2000-204022 | A | 20001116 | | |
| | EP 2000-204387 | A | 20001208 | | |
| | WO 2001-EP13396 | W | 20011115 | | |

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s ornithobacter? and vaccin?
 L7 157 ORNITHOBACTER? AND VACCIN?

=> dup rem l7
 PROCESSING COMPLETED FOR L7
 L8 71 DUP REM L7 (86 DUPLICATES REMOVED)
 => s l8 and (over attenuat?)
 L9 1 L8 AND (OVER ATTENUAT?)
 => d

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2005:607098 CAPLUS <<LOGINID::20090421>>
 TI Combination ***vaccine*** for poultry
 IN Jacobs, Antonius Arnoldus Christiaan; Van, Empel Paul Cornelius Maria;
 Nuijten, Petrus Johannes Maria
 PA Akzo Nobel N.V., Neth.; Van Empel, Paul Cornelius Maria

SO PCT Int. Appl.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-----------------|--|----------|-----------------|----------|
| PI | WO 2005063284 | A1 | 20050714 | WO 2004-EP53623 | 20041221 |
| | W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| | RW: | BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| | CA 2550923 | A1 | 20050714 | CA 2004-2550923 | 20041221 |
| | EP 1699483 | A1 | 20060913 | EP 2004-804958 | 20041221 |
| | EP 1699483 | B1 | 20090311 | | |
| | R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS | | | |
| | BR 2004017880 | A | 20070427 | BR 2004-17880 | 20041221 |
| | JP 2007518717 | T | 20070712 | JP 2006-546172 | 20041221 |
| | AT 424844 | T | 20090315 | AT 2004-804958 | 20041221 |
| | US 20090053262 | A1 | 20090226 | US 2006-582315 | 20060608 |
| PRAI | EP 2003-104954 | A | 20031223 | | |
| | WO 2004-EP53623 | W | 20041221 | | |

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s l8 and attenuate?
L10 5 L8 AND ATTENUATE?

=> d bib ab kwic 1-
YOU HAVE REQUESTED DATA FROM 5 ANSWERS - CONTINUE? Y/(N):y

L10 ANSWER 1 OF 5 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN
AN 2005:14975 BIOSIS <<LOGINID::20090421>>
DN PREV200500018375
TI Characterization of plasmid pOR1 from ***Ornithobacterium***
rhinotracheale and construction of a shuttle plasmid.
AU Jansen, Ruud; Chansiripornchai, Niwat; Gaastra, Wim; van Putten, Jos P. M.
[Reprint Author]
CS Dept Immunol and Infect Dis, Univ Utrecht, Yalelaan 1, NL-3584 CL,
Utrecht, Netherlands
j.vanputten@vet.uu.nl
SO Applied and Environmental Microbiology, (October 2004) Vol. 70, No. 10,
pp. 5853-5858. print.
ISSN: 0099-2240 (ISSN print).
DT Article
LA English
ED Entered STN: 22 Dec 2004
Last Updated on STN: 22 Dec 2004

AB The bacterium ***Ornithobacterium*** rhinotracheale has been recognized as an emerging pathogen in poultry since about 10 years ago. Knowledge of this bacterium and its mechanisms of virulence is still very limited. Here we report the development of a transformation system that enables genetic modification of *O. rhinotracheale*. The system is based on a cryptic plasmid, pOR1, that was derived from an *O. rhinotracheale* strain of serotype K. sequencing indicated that the plasmid consisted of 14,787 nucleotides. Sequence analysis revealed one replication origin and several rep genes that control plasmid replication and copy number, respectively. In addition, pOR1 contains genes with similarity to a heavy-metal-transporting ATPase, a TonB-linked siderophore receptor, and a laccase. Reverse transcription-PCR demonstrated that these genes were transcribed. Other putative open reading frames exhibited similarities with a virulence-associated protein in *Actinobacillus actinomycetemcomitans* and a number of genes coding for proteins with unknown function. An *Escherichia coli*-*O. rhinotracheale* shuttle plasmid (pOREC1) was constructed by cloning the replication origin and rep genes from pOR1 and the cfxA gene from *Bacteroides vulgatus*, which codes for resistance to the antibiotic cefoxitin, into plasmid pGEM7 by using *E. coli* as a host. pOREC1 was electroporated into *O. rhinotracheale* and yielded cefoxitin-resistant transformants. The pOREC1 isolated from these transformants was reintroduced into *E. coli*, demonstrating that pOREC1 acts as an independent replicon in both *E. coli* and *O. rhinotracheale*, fulfilling the criteria for a shuttle plasmid that can be used for transformation, targeted mutagenesis, and the construction of defined ***attenuated*** ***vaccine*** strains.

TI Characterization of plasmid pOR1 from ***Ornithobacterium*** rhinotracheale and construction of a shuttle plasmid.

AB The bacterium ***Ornithobacterium*** rhinotracheale has been recognized as an emerging pathogen in poultry since about 10 years ago. Knowledge of this bacterium and . . . fulfilling the criteria for a shuttle plasmid that can be used for transformation, targeted mutagenesis, and the construction of defined ***attenuated*** ***vaccine*** strains.

ORGN . . .

Taxa Notes

Bacteria, Eubacteria, Microorganisms

ORGN Classifier

Gram-Negative Aerobic Rods and Cocci 06500

Super Taxa

Eubacteria; Bacteria; Microorganisms

Organism Name

Ornithobacterium rhinotracheale (species): pathogen, poultry pathogen

Taxa Notes

Bacteria, Eubacteria, Microorganisms

L10 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2006:1225852 CAPLUS <<LOGINID::20090421>>

DN 146:26334

TI *Pasteurella multocida* live ***attenuated*** ***vaccine***

IN Luo, Yugang; Vermeij, Paul; Jacobs, Antonius Arnoldus Christiaan

PA Intervet International B.V., Neth.

SO PCT Int. Appl., 31pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|------------------|----------|
| PI | WO 2006122586 | A1 | 20061123 | WO 2005-EP56995 | 20051221 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| | RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | AU 2005331860 | A1 | 20061123 | AU 2005-331860 | 20051221 |
| | CA 2591624 | A1 | 20061123 | CA 2005-2591624 | 20051221 |
| | EP 1831248 | A1 | 20070912 | EP 2005-857856 | 20051221 |
| | R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR | | | | |
| | CN 101087803 | A | 20071212 | CN 2005-80044494 | 20051221 |
| | JP 2008523840 | T | 20080710 | JP 2007-547497 | 20051221 |
| | MX 2007007570 | A | 20070724 | MX 2007-7570 | 20070621 |
| | IN 2007CN02702 | A | 20070907 | IN 2007-CN2702 | 20070621 |
| | KR 2007092290 | A | 20070912 | KR 2007-716568 | 20070719 |
| PRAI | US 2004-639447P | P | 20041222 | | |
| | WO 2005-EP56995 | W | 20051221 | | |

AB The disclosed invention relates to live ***attenuated*** bacteria of the species *Pasteurella multocida* not capable of expressing a functional Orf-15 protein, to live ***attenuated*** ***vaccines*** comprising such live ***attenuated*** bacteria, to the use of such bacteria for the manuf. of such ***vaccines***, to methods for the prepn. of such ***vaccines***, and to diagnostic tests for the detection of such bacteria. For example, live ***attenuated*** Orf-15 mutants of *P. multocida* given to turkeys together with the Newcastle disease virus ***vaccine*** provided various levels of protection, depending on ***vaccination*** route, being 100% with aerosol ***vaccination*** route followed by drinking water route (81%).

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

TI *Pasteurella multocida* live ***attenuated*** ***vaccine***

AB The disclosed invention relates to live ***attenuated*** bacteria of the species *Pasteurella multocida* not capable of expressing a functional Orf-15 protein, to live ***attenuated*** ***vaccines*** comprising such live ***attenuated*** bacteria, to the use of such bacteria for the manuf. of such ***vaccines***, to methods for the prepn. of such ***vaccines***, and to diagnostic tests for the detection of such bacteria. For example, live ***attenuated*** Orf-15 mutants of *P. multocida* given to turkeys together with the Newcastle disease virus ***vaccine*** provided various levels of protection, depending on ***vaccination*** route, being 100% with aerosol ***vaccination*** route followed by drinking water route (81%).

ST *Pasteurella* ***vaccine*** Orf15 gene deficient

IT Gene, microbial

RL: BSU (Biological study, unclassified); BIOL (Biological study)
(Orf-15; *Pasteurella multocida* live ***attenuated***

```

    ***vaccine*** )
IT  Freeze-dried drug delivery systems
    Mutation
    Pasteurella multocida
    Pharmaceutical aerosols
    Pharmaceutical carriers
    ***Vaccines***
    (Pasteurella multocida live    ***attenuated***    ***vaccine*** )
IT  Anaplasma centrale
    Anaplasma marginale
    Avian encephalomyelitis virus
    Avian reovirus
    Avibacterium paragallinarum
    Babesia bigemina
    Babesia bovis
    Babesia major
    Bordetella bronchiseptica
    Bovine diarrhea virus
    Bovine herpesvirus
    Bovine parainfluenza virus 3
    Bovine respiratory syncytial virus
    Chicken anemia virus
    Clostridium perfringens
    Duck enteritis virus
    Eggdrop syndrome-1976 virus
    Eimeria
    Erysipelothrix rhusiopathiae
    Escherichia coli
    Foot-and-mouth disease virus
    Fowlpox virus
    Gallid herpesvirus
    Gallid herpesvirus 1
    Haemophilus parasuis
    Human herpesvirus 3
    Human parainfluenza virus 3
    Infectious bronchitis virus
    Infectious bursal disease virus
    Mannheimia haemolytica
    Meleagrid herpesvirus 1
    Mycoplasma gallisepticum
    Mycoplasma hyopneumoniae
    Mycoplasma synoviae
    Neospora caninum
    Newcastle disease virus
    ***Ornithobacterium*** rhinotracheale
    Porcine circovirus 1
    Porcine circovirus 2
    Porcine parvovirus
    Porcine respiratory and reproductive syndrome virus
    Porcine transmissible gastroenteritis virus
    Rotavirus
    Salmonella
    Staphylococcus aureus
    Staphylococcus uberis
    Streptococcus suis
    Suid herpesvirus 1
    Swine influenza virus

```

Theileria annulata
 Theileria parva
 Trypanosoma
 Turkey rhinotracheitis virus
 (Pasteurella multocida live ***attenuated*** ***vaccine***
 contg. genes from)
 IT Human
 Veterinary medicine
 (Pasteurella multocida live ***attenuated*** ***vaccine*** in)
 IT Diagnosis
 (Pasteurella multocida live ***attenuated*** ***vaccine*** in
 relation to)
 IT Immunostimulants
 (adjuvants; Pasteurella multocida live ***attenuated***
 vaccine)
 IT Mutation
 (deletion; Pasteurella multocida live ***attenuated***
 vaccine)
 IT Proteins
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
 (Biological study); USES (Uses)
 (gene Orf-15; Pasteurella multocida live ***attenuated***
 vaccine)
 IT Gene, microbial
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (heterologous; Pasteurella multocida live ***attenuated***
 vaccine contg.)
 IT Drug delivery systems
 (in drinking water; Pasteurella multocida live ***attenuated***
 vaccine)
 IT Mutation
 (insertion; Pasteurella multocida live ***attenuated***
 vaccine)
 IT 915811-70-0, Protein ORF 15 (Pasteurella multocida)
 RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
 (Biological study)
 (amino acid sequence; Pasteurella multocida live ***attenuated***
 vaccine)
 IT 915811-69-7
 RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
 (Biological study)
 (nucleotide sequence; Pasteurella multocida live ***attenuated***
 vaccine)

L10 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2005:607098 CAPLUS <<LOGINID::20090421>>

TI Combination ***vaccine*** for poultry

IN Jacobs, Antonius Arnoldus Christiaan; Van, Empel Paul Cornelius Maria;
 Nuijten, Petrus Johannes Maria

PA Akzo Nobel N.V., Neth.; Van Empel, Paul Cornelius Maria

SO PCT Int. Appl.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|-------|-----------------|-------|
| ----- | ---- | ----- | ----- | ----- |

PI WO 2005063284 A1 20050714 WO 2004-EP53623 20041221
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
MR, NE, SN, TD, TG
CA 2550923 A1 20050714 CA 2004-2550923 20041221
EP 1699483 A1 20060913 EP 2004-804958 20041221
EP 1699483 B1 20090311
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS
BR 2004017880 A 20070427 BR 2004-17880 20041221
JP 2007518717 T 20070712 JP 2006-546172 20041221
AT 424844 T 20090315 AT 2004-804958 20041221
US 20090053262 A1 20090226 US 2006-582315 20060608

PRAI EP 2003-104954 A 20031223
WO 2004-EP53623 W 20041221

AB The present invention relates to a combination ***vaccine*** for the
protection of poultry against ***Ornithobacterium*** rhinotracheale,
to the use of a live over- ***attenuated*** ***Ornithobacterium***
rhinotracheale strain and a live ***attenuated*** poultry virus for
the manufacturing of such a combination ***vaccine***, to methods for
the preparation of said combination ***vaccine*** and to
vaccination kits for the immunization of poultry against
Ornithobacterium rhinotracheale.

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

TI Combination ***vaccine*** for poultry

AB The present invention relates to a combination ***vaccine*** for the
protection of poultry against ***Ornithobacterium*** rhinotracheale,
to the use of a live over- ***attenuated*** ***Ornithobacterium***
rhinotracheale strain and a live ***attenuated*** poultry virus for
the manufacturing of such a combination ***vaccine***, to methods for
the preparation of said combination ***vaccine*** and to
vaccination kits for the immunization of poultry against
Ornithobacterium rhinotracheale.

L10 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2002:714168 CAPLUS <<LOGINID::20090421>>

DN 137:246518

TI Recombinant infectious laryngotracheitis virus comprising deleted UL0 gene
and other avian pathogenic antigen for use as ***vaccine***

IN Claessens, Johannes Antonius Joseph; Fuchs, Walter

PA Akzo Nobel N.V., Neth.

SO Eur. Pat. Appl., 30 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|-------|-----------------|-------|
| ----- | ---- | ----- | ----- | ----- |

| | | | | | |
|------|---|----|----------|-----------------|----------|
| PI | EP 1241177 | A1 | 20020918 | EP 2002-75925 | 20020311 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| | JP 2002356441 | A | 20021213 | JP 2002-61362 | 20020307 |
| | AU 2002024508 | A | 20020919 | AU 2002-24508 | 20020313 |
| | AU 784310 | B2 | 20060309 | | |
| | CA 2373454 | A1 | 20020915 | CA 2002-2373454 | 20020314 |
| | BR 2002000838 | A | 20030325 | BR 2002-838 | 20020314 |
| | MX 2002002904 | A | 20051007 | MX 2002-2904 | 20020314 |
| | US 20020168384 | A1 | 20021114 | US 2002-99619 | 20020315 |
| PRAI | EP 2001-200975 | A | 20010315 | | |

AB The present invention provides an ***attenuated*** ILT virus that is able to induce protection against ILT in chickens. The new ***vaccine*** strain is not able to express the native UL0 protein of ILTV. The new ILTV ***vaccine*** virus can also be used as a vector for genes of other avian pathogens. Thus, recombinant UL0 gene-deleted ILT virus expressing avian influenza virus hemagglutinin was prepd. as ***vaccine***.

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

TI Recombinant infectious laryngotracheitis virus comprising deleted UL0 gene and other avian pathogenic antigen for use as ***vaccine***

AB The present invention provides an ***attenuated*** ILT virus that is able to induce protection against ILT in chickens. The new ***vaccine*** strain is not able to express the native UL0 protein of ILTV. The new ILTV ***vaccine*** virus can also be used as a vector for genes of other avian pathogens. Thus, recombinant UL0 gene-deleted ILT virus expressing avian influenza virus hemagglutinin was prepd. as ***vaccine***.

ST infectious laryngotracheitis virus UL0 gene protein pathogen
vaccine

IT Gene, microbial
Proteins

RL: REM (Removal or disposal); PROC (Process)
(UL0; recombinant infectious laryngotracheitis virus comprising deleted UL0 gene and other avian pathogenic antigen for use as ***vaccine***)

IT Pathogen
(avian; recombinant infectious laryngotracheitis virus comprising deleted UL0 gene and other avian pathogenic antigen for use as ***vaccine***)

IT Drug delivery systems
(carriers; recombinant infectious laryngotracheitis virus comprising deleted UL0 gene and other avian pathogenic antigen for use as ***vaccine***)

IT Animal tissue culture
Aves
DNA sequences
Escherichia coli
Gallid herpesvirus
Gallid herpesvirus 1
Gallus domesticus
Genetic vectors
Immunomodulators
Infectious bronchitis virus
Influenza A virus
Molecular cloning

Mycoplasma
 Newcastle disease virus
 Ornithobacterium rhinotracheale
 Poultry
 Protein sequences
 Turkey rhinotracheitis virus
 Vaccines
 (recombinant infectious laryngotracheitis virus comprising deleted UL0
 gene and other avian pathogenic antigen for use as ***vaccine***)
 IT Antigen
 Hemagglutinins
 RL: AGR (Agricultural use); BPN (Biosynthetic preparation); BSU
 (Biological study, unclassified); PRP (Properties); THU (Therapeutic use);
 BIOL (Biological study); PREP (Preparation); USES (Uses)
 (recombinant infectious laryngotracheitis virus comprising deleted UL0
 gene and other avian pathogenic antigen for use as ***vaccine***)
 IT Mutagenesis
 (site-directed, deletion; recombinant infectious laryngotracheitis
 virus comprising deleted UL0 gene and other avian pathogenic antigen
 for use as ***vaccine***)
 IT Mutagenesis
 (site-directed, insertion; recombinant infectious laryngotracheitis
 virus comprising deleted UL0 gene and other avian pathogenic antigen
 for use as ***vaccine***)
 IT 460104-59-0P, Hemagglutinin (avian influenza virus)
 RL: AGR (Agricultural use); BPN (Biosynthetic preparation); BSU
 (Biological study, unclassified); PRP (Properties); THU (Therapeutic use);
 BIOL (Biological study); PREP (Preparation); USES (Uses)
 (amino acid sequence; recombinant infectious laryngotracheitis virus
 comprising deleted UL0 gene and other avian pathogenic antigen for use
 as ***vaccine***)
 IT 460104-58-9P
 RL: AGR (Agricultural use); BPN (Biosynthetic preparation); BSU
 (Biological study, unclassified); PRP (Properties); THU (Therapeutic use);
 BIOL (Biological study); PREP (Preparation); USES (Uses)
 (nucleotide sequence; recombinant infectious laryngotracheitis virus
 comprising deleted UL0 gene and other avian pathogenic antigen for use
 as ***vaccine***)
 IT 181795-07-3, GenBank X97256
 RL: REM (Removal or disposal); PROC (Process)
 (recombinant infectious laryngotracheitis virus comprising deleted UL0
 gene and other avian pathogenic antigen for use as ***vaccine***)

 L10 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2002:391558 CAPLUS <<LOGINID::20090421>>
 DN 136:384973
 TI Salmonella ***vaccine***
 IN Nuijten, Petrus Johannes Maria; Witvliet, Maarten Hendrik
 PA Akzo Nobel N.V., Neth.
 SO PCT Int. Appl., 22 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---------------|------|----------|-----------------|----------|
| PI | WO 2002040046 | A1 | 20020523 | WO 2001-EP13396 | 20011115 |

W: AE, AG, AL, AU, BA, BB, BG, BR, BZ, CA, CN, CO, CR, CU, CZ, DM, DZ, EC, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, MZ, NO, NZ, PH, PL, RO, RU, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

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|---|----|----------|-----------------|----------|
| CA 2429120 | A1 | 20020523 | CA 2001-2429120 | 20011115 |
| AU 2002017043 | A | 20020527 | AU 2002-17043 | 20011115 |
| EP 1345621 | A1 | 20030924 | EP 2001-996389 | 20011115 |
| EP 1345621 | B1 | 20081112 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| HU 2003002612 | A2 | 20031128 | HU 2003-2612 | 20011115 |
| HU 2003002612 | A3 | 20041028 | | |
| JP 2004513646 | T | 20040513 | JP 2002-542418 | 20011115 |
| AT 413888 | T | 20081115 | AT 2001-996389 | 20011115 |
| ES 2316492 | T3 | 20090416 | ES 2001-996389 | 20011115 |
| US 20040052802 | A1 | 20040318 | US 2003-432102 | 20030516 |
| US 7045122 | B2 | 20060516 | | |
| PRAI EP 2000-204022 | A | 20001116 | | |
| EP 2000-204387 | A | 20001208 | | |
| WO 2001-EP13396 | W | 20011115 | | |

AB The present invention relates to live ***attenuated*** Salmonella strains comprising a first attenuating mutation, that are not capable of making functional RecA. The invention also relates to these bacteria for use in ***vaccines***. Furthermore, the invention relates to ***vaccines*** based upon these bacteria, to the use of such bacteria in the manuf. of ***vaccines*** and to methods for the prepn. of such ***vaccines***. The recA- Salmonella carries a heterologous antigen gene from a virus, bacterium, or parasite and can be used in ***vaccines*** for prevention of infection in poultry.

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

TI Salmonella ***vaccine***

AB The present invention relates to live ***attenuated*** Salmonella strains comprising a first attenuating mutation, that are not capable of making functional RecA. The invention also relates to these bacteria for use in ***vaccines***. Furthermore, the invention relates to ***vaccines*** based upon these bacteria, to the use of such bacteria in the manuf. of ***vaccines*** and to methods for the prepn. of such ***vaccines***. The recA- Salmonella carries a heterologous antigen gene from a virus, bacterium, or parasite and can be used in ***vaccines*** for prevention of infection in poultry.

ST ***vaccine*** infection Salmonella RecA deletion chicken

IT Enzymes, biological studies

RL: BSU (Biological study, unclassified); BIOL (Biological study)
(DNA-recombining, gene RecA; use of recA- Salmonella carrying a heterologous antigen gene in ***vaccines*** against infection in poultry)

IT Infection
(bacterial; use of recA- Salmonella carrying a heterologous antigen gene in ***vaccines*** against infection in poultry)

IT Mutation

(deletion; use of recA- Salmonella carrying a heterologous antigen gene in ***vaccines*** against infection in poultry)

IT Infection
 (protozoal; use of recA- Salmonella carrying a heterologous antigen gene in ***vaccines*** against infection in poultry)

IT Gene, microbial
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (recA; use of recA- Salmonella carrying a heterologous antigen gene in ***vaccines*** against infection in poultry)

IT Avian encephalomyelitis virus
 Avian reovirus
 Avibacterium paragallinarum
 Chicken anemia virus
 Eimeria
 Escherichia coli
 Gallus domesticus
 Human herpesvirus 3
 Infectious bronchitis virus
 Infectious bursal disease virus
 Mycoplasma gallisepticum
 Mycoplasma synoviae
 Newcastle disease virus
 Ornithobacterium rhinotracheale
 Pasteurella multocida
 Poultry
 Salmonella
 Salmonella enterica enterica gallinarum
 Salmonella enteritidis
 Salmonella typhimurium
 Turkey rhinotracheitis virus
 Vaccines
 (use of recA- Salmonella carrying a heterologous antigen gene in ***vaccines*** against infection in poultry)

IT Antigens
 RL: BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (use of recA- Salmonella carrying a heterologous antigen gene in ***vaccines*** against infection in poultry)

IT Infection
 (viral; use of recA- Salmonella carrying a heterologous antigen gene in ***vaccines*** against infection in poultry)

=> s 18 and (RecA or PurD)

L11 1 L8 AND (RECA OR PURD)

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L11 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2002:391558 CAPLUS <<LOGINID::20090421>>

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TI Salmonella ***vaccine***

IN Nuijten, Petrus Johannes Maria; Witvliet, Maarten Hendrik

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| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
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| | ES 2316492 | T3 | 20090416 | ES 2001-996389 | 20011115 |
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| | US 7045122 | B2 | 20060516 | | |
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